



PATENT

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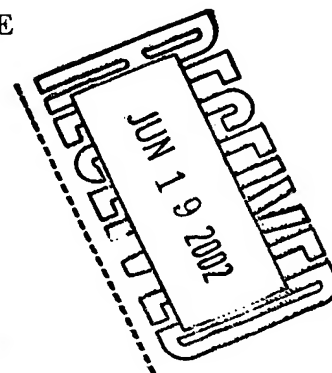
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Oren ROSENFELD, et al  
Application No.: 10/014,327 ✓ Group No.:  
Filed: November 13, 2001 Examiner:  
For: HYDROGEN GENERATORS FOR FUEL CELLS

Attorney Docket No.: U-013718-2

Assistant Commissioner of Patents  
Washington, DC 20231

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CERTIFICATE OF MAILING UNDER 37 C.F.R. 1.8(a)

I hereby certify that the attached correspondence comprising:

INFORMATION DISCLOSURE STATEMENT  
PTO FORM 1449  
REFERENCES  
RETURN POSTCARD

is being deposited with the United States Postal Service as first class mail in an envelope addressed to:

Assistant Commissioner for Patents  
Washington, DC 20231

on June 10, 2002

JULIAN H. COHEN

(type or print name of person mailing paper)

Signature of person mailing paper

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Oren ROSENFELD, et al.

Serial No.: 10/014,327

Filed: November 13, 2001

For: HYDROGEN GENERATORS FOR FUEL  
CELLS



) Art Unit: (N/A)

) Examiner: (N/A)

) Washington, D.C.

) May 20, 2002

) Docket No.: U 013718-2

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JUN 18 2002  
TC 1700

INFORMATION DISCLOSURE STATEMENT [IDS]

Honorable Commissioner of Patents and Trademarks  
Washington, D.C. 20231

Sir:

This Information Disclosure Statement is submitted in accordance with 37 C.F.R. 1.97, 1.98, and it is requested that the information set forth in this statement and in the listed documents be considered during the pendency of the above-identified application, and any other application relying on the filing date of the above-identified application or cross-referencing it as a related application.

[X] 1. This IDS should be considered, in accordance with 37 C.F.R. 1.97, as it is filed:

(Check one of the boxes A-D)

☐ A. within three months of the filing date of the above-identified national application or within three months of the entry into the national stage of the above-identified international application.

[X] B. before the mailing date of a first office action on the merits.

☐ C. after (A) and (B) above, but before final rejection or allowance, and Applicants have made the necessary certification (box "i" below) or paid the necessary fee (box "ii" below).

(check one of the boxes "i" and "ii" below:)

☐ i. Counsel certifies that, upon information and belief, each item of information listed herein was either (a) cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this IDS; or (b) was not cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of undersigned after making reasonable inquiry, was not known to any individual designated in 1.56(c) more than three months prior to the filing of this IDS.

☐ ii. A check for the fee set forth in 1.17(p), presently believed to be \$240, is enclosed (check no. \_\_\_\_\_).

☐ D. after (A), (B) and (C) above, but before payment of the issue fee: Applicant petitions under 37 C.F.R. 1.97(d) for the consideration of this IDS. A check for the fee set forth in §1.17(i), presently believed to be \$130 is enclosed (check no. \_\_\_\_\_). Counsel certifies that, upon information and belief, each item of information listed herein was either (i) cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the IDS; or (ii) was not cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the undersigned after making reasonable inquiry, was not known to any individual designated in 1.56(c) more than three months prior to the filing of this IDS.

☒ 2. In accordance with 37 C.F.R. 1.98, this IDS includes a list (e.g., form PTO-1449) of all patents, publications, or other information submitted for consideration by the office, either incorporated into this IDS or as an attachment hereto. A copy of each document listed is attached, except as explained below.

(check boxes A and/or B and fill in blanks, if appropriate.)

☐ A. Document(s) \_\_\_\_\_ is (are) deemed substantially cumulative to document(s) \_\_\_\_\_, and, in accordance with 1.98(c), only a copy of each of the latter documents is enclosed.

☐ B. Certain documents were previously cited by or submitted to the Office in the following prior application(s), which are relied upon under 35 U.S.C. 120:

[insert serial numbers and filing dates of prior applications]

Applicant identifies these documents by attaching hereto copies of the forms PTO-892 and PTO-1449 from the files of the prior application(s) or a fresh PTO-1449 listing these documents, and request that they be considered and made of record in accordance with 1.98(d). Per 37 CFR 1.98(d), copies of these documents need not be filed in this application.

☒ 3. Documents SE 9103048, FR 2778775, FR 2772529, AU 9923674, JP 2000152857, JP 0229390, DE 19840248, DE 19840251 are not in the English language. In accordance with 1.98(c), Applicant states:

☒ An English translation of each document SE 9103048, FR 2778775, FR 2772529, AU 9923674, JP 2000152857, JP 0229390, DE 19840248, DE 19840251 (or of the pertinent portions thereof), or a copy of each corresponding English-language patent or application, or English-language abstract (or claim) is enclosed.

☐ A concise explanation of the relevance of document(s) \_\_\_\_\_ is found in the attached search report (see reply to Comment 68 in the preamble to the final rules; 1135 OG 13 at 20).

☐ A concise explanation of the relevance of document(s) \_\_\_\_\_ is set forth as follows:  
[Insert concise explanation of relevance]

☐ A concise explanation of the relevance of document(s) \_\_\_\_\_ can be found on page(s) \_\_\_\_\_ of the specification.

☐ A concise explanation of document(s) \_\_\_\_\_ can be found on the attached sheet.

4. No explanation of relevance is necessary for documents in the English language (see reply to Comments 67 and 68 in the preamble to the final rules; 1135 OG 13 at 20).

☐ 5. Other information being provided for the examiner's consideration follows:

6. In accordance with 37 C.F.R. 1.97(g) and (h), the filing of this IDS should not be construed as a representation that a search has been made or that information cited is, or is considered to be, material to patentability as defined in §1.56 (b), or that any cited document listed or attached is (or constitutes) prior art. Unless otherwise indicated, the date of publication indicated for an item is taken from the face of the item and Applicant reserves the right to prove that the date of publication is in fact different.

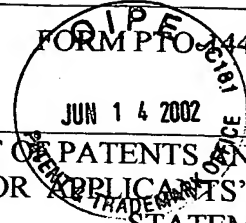
**CROSS REFERENCE UNDER 37 C.F.R. §1.78 TO RELATED APPLICATIONS**

Pursuant to 37 C.F.R. § 1.78, Applicant notes that the above-identified patent application may be related to the following U.S. Patent Applications:

Respectfully submitted,



JULIAN COHEN  
c/o LADAS & PARRY  
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NEW YORK, N.Y. 10023  
Reg. No. 20302 (212) 703-1888

	ATTY DOCKET NO. U 013718-2	SERIAL NUMBER 10/014227
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANTS' INFORMATION STATEMENT	APPLICANT Oren ROSENFELD, et al.	EXAMINER (N/A)
	FILING DATE November 13, 2001	GROUP ART UNIT (N/A)

## U.S. PATENT DOCUMENTS

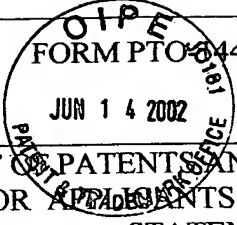
Examiner's Initials		DOCUMENT NO.	DATE	NAME	CLASS	SUB	FILING DATE
	AA	6,162,267	Dec. 2000	Priegnitz , et al.	48	199FM	
	AB	6,105,004	Aug. 2000	Halperin, et al.	705	28	
	AC	6,104,939	Aug. 2000	Groner, et al.	600	322	
	AD	6,099,522	Aug. 2000	Knopp, et al.	606	10	
	AE	6,091,884	Jul. 2000	Yuen, et al.	386	83	
	AF	6,085,576	Jul. 2000	Sunshine, et al.	73	29.01	
	AG	6,081,612	Jun. 2000	Gutkowicz-Krusin et al.	382	128	
	AH	6,081,558	Jun. 2000	North	375	316	

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB	TRANS- LATION
	AI	JP 2000152857	06/06/00	Japan			NO
	AJ	JP 0229390	09/13/89	Japan			NO
	AK	DE 19840248	03/16/00	Germany			NO
	AL	DE 19840251	03/16/00	Germany			NO

## OTHER ART (Including Author, Bills, Pertinent Pages, Etc.)

	AM	"A Methanol Impermeable Proton Conducting Composite Electrolyte System", Cong Pu, et al., Journal of the Electrochemical Society, Vol. 142, No. 7, July 1995.
EXAMINER:	DATE CONSIDERED:	
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		

 FORM PTO-449 (Colb)	ATTY DOCKET NO. U 013718-2	SERIAL NUMBER 10/014,327
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANTS' INFORMATION STATEMENT	APPLICANT Oren ROSENFELD, et al.	EXAMINER (N/A)
	FILING DATE November 13, 2001	GROUP ART UNIT? (N/A)

## U.S. PATENT DOCUMENTS

Examiner's Initials		DOCUMENT NO.	DATE	NAME	CLASS	SUB	FILING DATE
	AA	6,031,585	Feb. 2000	Stevens, III	349	1	
	AB	5,975,416	Nov. 1999	Chow, et al.	235	383	
	AC	5,968,325	Oct. 1999	Oloman, et al.	204	230.5	
	AD	5,933,813	Aug. 1999	Teicher, et al.	705	26	
	AE	5,880,449	Mar. 1999	Teicher, et al.	235	383	
	AF	5,846,669	Dec. 1998	Smotkin, et al.	429	41	
	AG	5,833,934	Nov. 1998	Adlhart	422	239	
	AH	5,830,426	Nov. 1998	Werth	423	658	
	AI	5,753,900	May 1998	Goodwin, III et al.	235	383	

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB	TRANS- LATION
	AJ	EP 974918 A2	01/26/00	Europe			YES
	AK	AU 9923674	10/21/99	AU			NO
	AL	FR 2772529	06/18/99	France			NO

## OTHER ART (Including Author, Bills, Pertinent Pages, Etc.)

AM	"PT2000 Portable Terminal", pp. 1-2; <a href="http://www.percon.com/html/pt2000.htm">http://www.percon.com/html/pt2000.htm</a>	
EXAMINER:		DATE CONSIDERED:
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		



Date: May 20, 2002

Page 3 of 6

FORM P-1449 (Colb)	ATTY DOCKET NO. U 013718-2	SERIAL NUMBER 10/014,327
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANTS' INFORMATION STATEMENT	APPLICANT Oren ROSENFELD, et al.	EXAMINER (N/A)
	FILING DATE November 13, 2001	GROUP ART UNIT (N/A)

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## U.S. PATENT DOCUMENTS

Examiner's Initials		DOCUMENT NO.	DATE	NAME	CLASS	SUB	FILING DATE
	AA	5,572,653	Nov. 1996	DeTemple, et al.	395	501	
	AB	5,553,412	Sep. 1996	Breichle, et al.	40	642	
	AC	5,539,393	Jul. 1996	Barford	340	825.520	
	AD	5,457,307	Oct. 1995	Dumont	235	383	
	AE	5,514,353	May 1997	Adlhart	422	239	
	AF	5,382,779	Jan. 1995	Gupta	235	383	
	AG	5,361,871	Nov. 1994	Gupta, et al.	186	61	
	AH	5,345,071	Sep. 1994	Dumont	235	383	

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB	TRANS- LATION
	AI	FR 2778775	11/19/99	France			NO
	AJ	SE 9103048	11/07/94	SE			NO
	AK	GB 2249854	05/02/92	Great Britain			YES

## OTHER ART (Including Author, Bills, Pertinent Pages, Etc.)

AL	Buckle, J. (editor), "Sending Out Clear Signals", European Supermarkets, March/April 1999, pp. 26-32.
EXAMINER:	DATE CONSIDERED:
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Date: May 20, 2002

Page 4 of 6

FORM PTO-1449 (Colb)	ATTY DOCKET NO. U 013718-2	SERIAL NUMBER 10/014,327
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANTS' INFORMATION STATEMENT	APPLICANT Oren ROSENFELD, et al.	EXAMINER (N/A)
	FILING DATE November 13, 2001	GROUP ART UNIT (N/A)

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## U.S. PATENT DOCUMENTS

Examiner's Initials		DOCUMENT NO.	DATE	NAME	CLASS	SUB	FILING DATE
	AA	5,313,569	May 1994	Olsson, et al.	395	118	
	AB	5,029,034	Jul. 1991	Weiley	360	132	
	AC	5,089,107	Feb. 1992	Pacheco	204	228	
	AD	5,019,811	May 1991	Olsson, et al.	340	825.17	
	AE	4,782,219	Nov. 1988	Crater	235	462	
	AF	4,766,295	Aug. 1988	Davis, et al.	235	383	
	AG	4,760,248	Jul. 1988	Swartz, et al.	235	472	
	AH	4,465,926	Aug. 1984	Apitz, et al.	235	472	
	AI	4,521,677	Jun. 1985	Sarwin	235	385	

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB	TRANS- LATION
	AJ	EP 0837439	04/22/98	Europe			YES
	AK	WO 95/22798	08/24/95	PCT			NO
	AL	WO 98/00819	01/08/98	PCT			YES

## OTHER ART (Including Author, Bills, Pertinent Pages, Etc.)

AM	Research Disclosure 34494, "Electronic Price Tag", Anonymous, December 1992, p. 969.
EXAMINER:	DATE CONSIDERED:
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Date: May 20, 2002

Page 5 of 6

FOR PTO-1449 (Colb)	ATTY DOCKET NO. U 013718-2	SERIAL NUMBER 10/014,321
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANTS' INFORMATION STATEMENT	APPLICANT Oren ROSENFELD, et al.	EXAMINER (N/A)
	FILING DATE November 13, 2001	GROUP ART UNIT (N/A)

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JUN 18 2002  
TC 1700

## U.S. PATENT DOCUMENTS

Examiner's Initials		DOCUMENT NO.	DATE	NAME	CLASS	SUB	FILING DATE
	AA	4,409,470	Oct. 1983	Shepard, et al.	235	472	
	AB	4,387,297	Jun. 1983	Swartz, et al.	235	462	
	AC	4,139,149	Feb. 1979	Crepeau, et al.	235	383	
	AD	4,041,221	Aug. 1977	Berchielli, et al.	429	2067	
	AE	4,002,886	Jan. 1977	Sundelin	235	61.7R	
	AF	3,876,470	Apr. 1975	McBreen	136	30	
	AG	3,957,483	May 1976	Suzuki	75	.5R	
	AH	4,072,514	Feb. 1978	Suzuki	75	168R	
	AI	3,080,440	Mar. 1963	Ruetschi, et al	136	3	

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB	TRANS- LATION
	AJ	WO 98/32115	07/23/98	PCT			YES
	AK	WO 99/65288	12/23/99	PCT			YES
	AL	WO 96/32683	10/17/96	PCT			YES

## OTHER ART (Including Author, Bills, Pertinent Pages, Etc.)

AM	
EXAMINER:	DATE CONSIDERED:
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Date: May 20, 2002

Page 6 of 6

FORM PTO-1449 (Colb)	ATTY DOCKET NO. U 013718-2	SERIAL NUMBER 10/014,327
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	FILING DATE November 13, 2001	GROUP ART UNIT (N/A)

## U.S. PATENT DOCUMENTS

Examiner's Initials		DOCUMENT NO.	DATE	NAME	CLASS	SUB	FILING DATE
	AA	4,113,921	Sep. 1978	Goldstein, et al.	429	27	
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB	TRANS- LATION
	AJ	WO 98/18094	4/1998	PCT			
	AK						
	AL						

## OTHER ART (Including Author, Bills, Pertinent Pages, Etc.)

AL	"Fuel Cell Phones", by Steven Ashley, Scientific American, p. 14, July 2001.
AM	Http://www.pscnet.com/html/pt2000.htm "PT2000. Portable Terminal" pp. 1-3
EXAMINER:	DATE CONSIDERED:
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